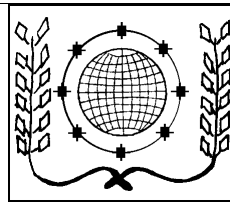


**ADVANCED NAVIGATION**  
**INTEREST BADGE**


Date Passed \_\_\_\_\_ Signed \_\_\_\_\_

1. Hold Map Reading Scoutcraft Badge or complete all the requirements. \_\_\_\_\_ 1 \_\_\_\_\_
2. Explain to the satisfaction of the examiner how the SA coordinate system works and demonstrate using a 1:50 000 Topographical map, how to plot and read Geographical and Projected coordinates. \_\_\_\_\_ 2 \_\_\_\_\_
3. Explain what is meant by GPS and the difference between Single and Differential (DGPS) processing. \_\_\_\_\_ 3 \_\_\_\_\_
4. What do you understand is Real-Time processing? \_\_\_\_\_ 4 \_\_\_\_\_
5. Explain what is meant by a Waypoint. \_\_\_\_\_ 5 \_\_\_\_\_
6. Show knowledge of the setup procedure for a GPS. \_\_\_\_\_ 6 \_\_\_\_\_
7. Explain what a GIS is. \_\_\_\_\_ 7 \_\_\_\_\_
8. Identify and explain the different ways of obtaining data for a GIS. \_\_\_\_\_ 8 \_\_\_\_\_
9. Explain what Attributes are. \_\_\_\_\_ 9 \_\_\_\_\_
10. Successfully load at least 10 Waypoints, as determined by the examiner, and then navigate to these points using the GPS /GIS. The route should be at least 15Km and half the distance can be done on water, animal or bicycles. \_\_\_\_\_ 10 \_\_\_\_\_